

CLAIM AMENDMENTS

1. (Currently amended) A coating [[having a plurality of triggered responses]] comprising: one or more radiation sensitive [[polyelectrolytes]] multi-stage emulsion polymers, that comprise as polymerized monomer units (a) zero to 60 percent, based on weight of the polymer, of a mono-ethylenically unsaturated monomer containing a carboxylic acid functional group; (b) 1 to 80 percent, based on weight of the polymer, of a (meth)acrylic monomer containing functional groups selected from one or more monoethylenically unsaturated monoepoxides, glycidyl (meth)acrylate, allyl glycidyl ether, glycidyl cinnamates, glycidyl crotonates, glycidyl itaconates, glycidyl norbornenyl ester, glycidyl norbornenyl ether and other acrylate containing pendant vinyl groups; (c) 20 to 80 percent, based on weight of the polymer, of one or more (C₁-C₂₀)alkyl (meth)acrylate ester monomers; and (e) zero to 10 percent, based on weight of the polymer, of one or more other co-polymerizable monomers, covering a substrate; wherein the coating is triggered to cure upon exposing the coating to ultraviolet radiation to provide a stable, highly cross-linked and water resistant coating [; wherein the radiation sensitive polyelectrolytes also include functional monomers having chemically reactive or swellable functional groups such that the coating,]] and when in contact with a basic chemical stripper, triggers the coating to respond by destabilizing, dissolving, swelling or dispersing.
2. Cancelled
3. (Currently amended) The coating of claim 1 [[wherein the UV curable, removable composition is included within]] further comprising one or more layers applied on top of a substrate.
4. The coating of claim 1 [[wherein the UV curable, removable composition is included within]] further comprising one or more layers applied on top of a base coat, the base coat disposed on top of a substrate.

5. The coating of claim 3 or claim 4 wherein the substrate refers to any surface that is vertical, horizontal or inclined upon which the coating is applied and is selected from the group consisting of flooring, wall, ceiling, tile materials, vinyl floor tiles, tiles coated with sealer or primer, ceramic tiles, wood, metal, concrete, marble, slate and simulated natural stone.